

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010422\  
 Data File : VX026309.D  
 Acq On : 05 Jan 2022 06:52  
 Operator : JC/MD  
 Sample : N1005-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WMIL-SB

Quant Time: Jan 05 07:15:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

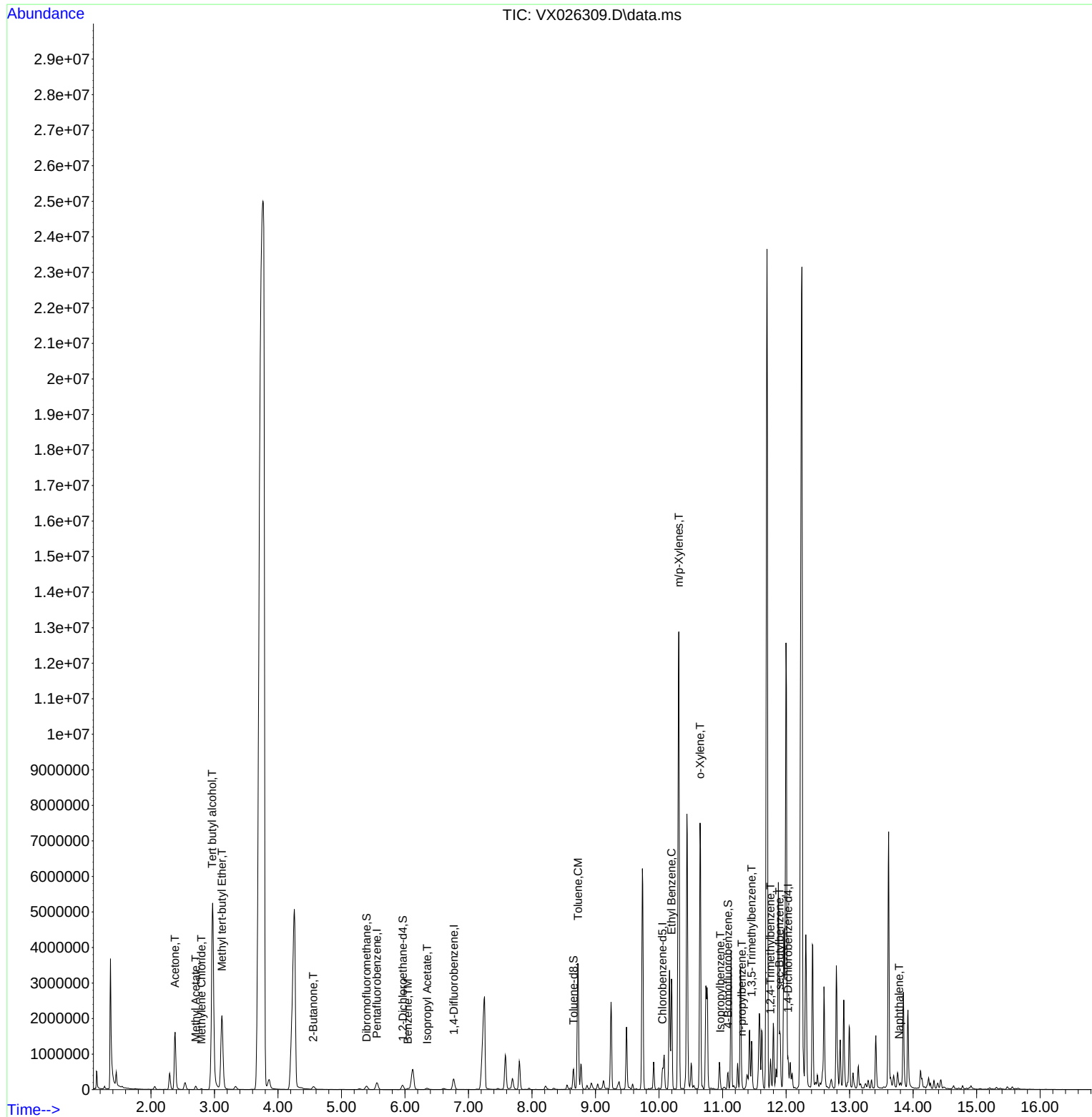
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 175115   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 294458   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 245789   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.030 | 152   | 117669   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 120724   | 47.653   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.300%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 82284    | 42.982   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 85.960%  |
| 50) Toluene-d8              | 8.653  | 98    | 336778   | 47.296   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 94.600%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 122449   | 48.305   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.620%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol      | 2.965  | 59    | 2266701  | 4479.622 | ug/l # | 93       |
| 16) Acetone                 | 2.380  | 43    | 1833873  | 1336.026 | ug/l   | 98       |
| 18) Methyl Acetate          | 2.703  | 43    | 121338   | 27.253   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 2414105  | 356.424  | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794  | 84    | 11064    | 4.175    | ug/l   | 95       |
| 25) 2-Butanone              | 4.556  | 43    | 125972   | 65.882   | ug/l   | 97       |
| 40) Benzene                 | 6.044  | 78    | 31178    | 3.538    | ug/l   | 96       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 26058    | 4.466    | ug/l # | 92       |
| 52) Toluene                 | 8.726  | 92    | 1370740  | 252.669  | ug/l   | 98       |
| 67) Ethyl Benzene           | 10.195 | 91    | 1793347  | 185.753  | ug/l   | 99       |
| 68) m/p-Xylenes             | 10.311 | 106   | 3187375  | 884.207  | ug/l   | 95       |
| 69) o-Xylene                | 10.647 | 106   | 1640349  | 465.077  | ug/l   | 99       |
| 73) Isopropylbenzene        | 10.964 | 105   | 40785    | 4.459    | ug/l   | 99       |
| 78) n-propylbenzene         | 11.305 | 91    | 50906    | 4.841    | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene  | 11.457 | 105   | 86618    | 11.412   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 325699   | 42.944   | ug/l   | 96       |
| 85) sec-Butylbenzene        | 11.896 | 105   | 18730    | 2.037    | ug/l   | 91       |
| 95) Naphthalene             | 13.780 | 128   | 50840    | 5.590    | ug/l # | 93       |
| -----                       |        |       |          |          |        |          |

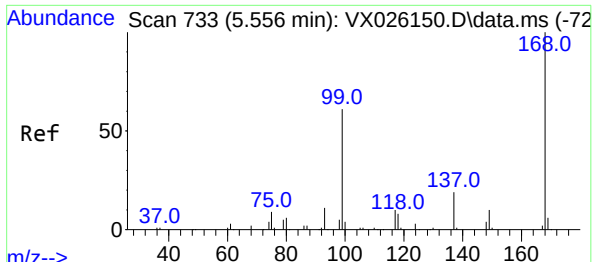
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 07:15:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

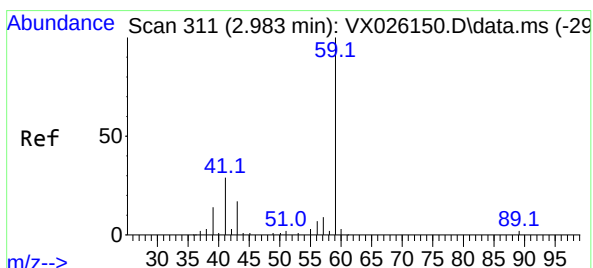
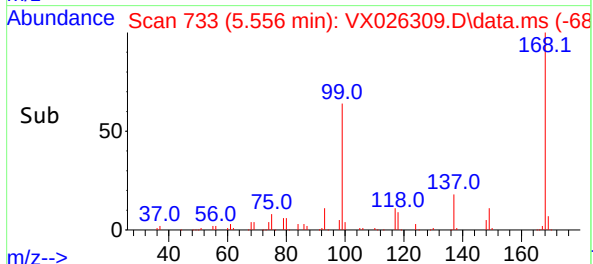
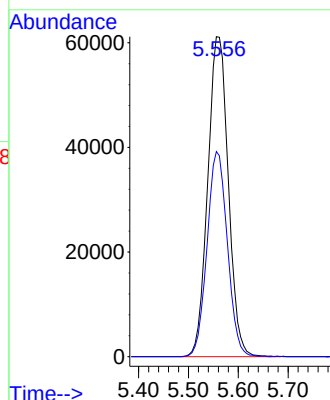
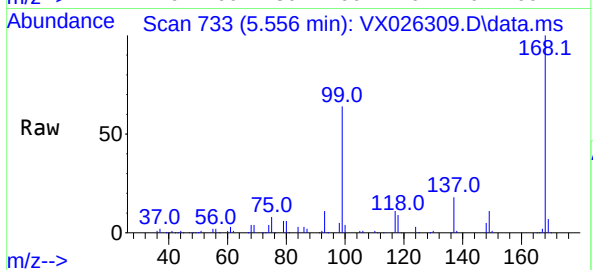




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

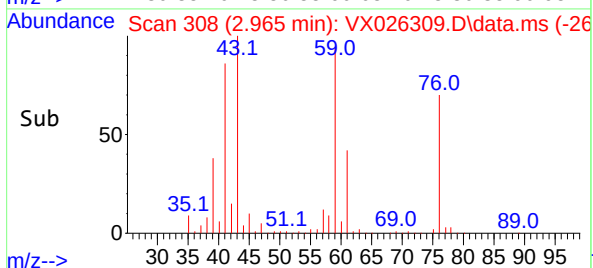
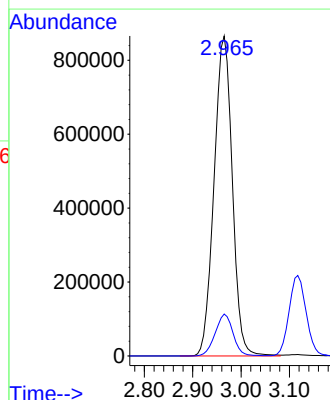
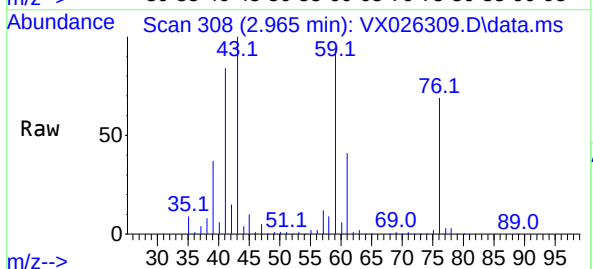
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MSVOA\_X  
ClientSampleId :  
WMIL-SB

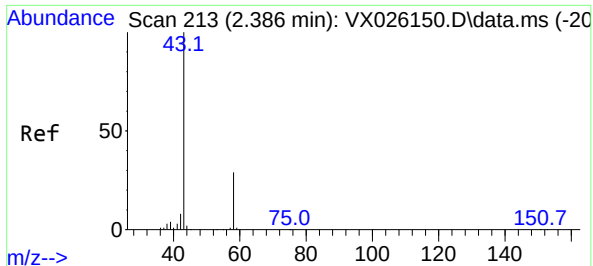
Tgt Ion:168 Resp: 175115  
Ion Ratio Lower Upper  
168 100  
99 64.1 45.8 68.8



#11  
Tert butyl alcohol  
Concen: 4479.622 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.018 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 59 Resp: 2266701  
Ion Ratio Lower Upper  
59 100  
57 12.9 8.2 12.2#

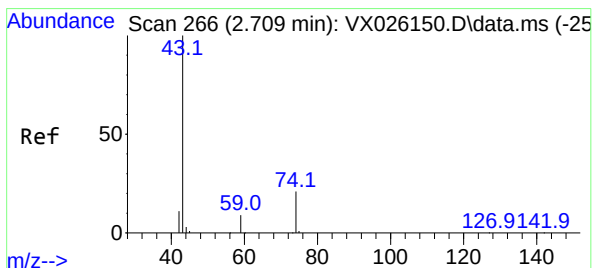
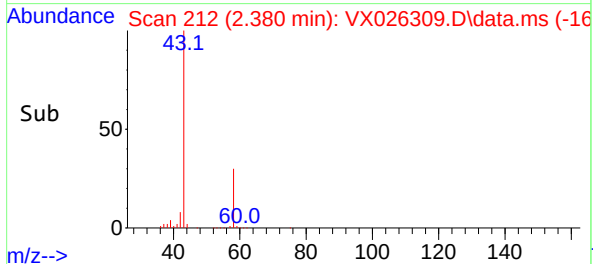
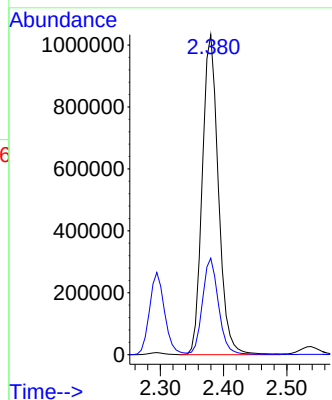
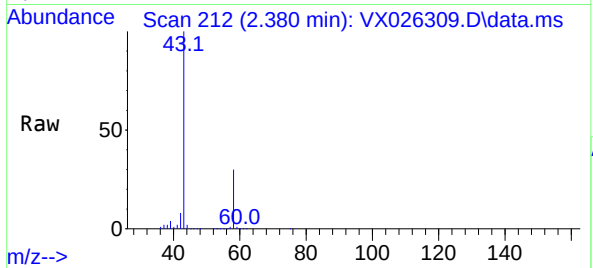




#16  
Acetone  
Concen: 1336.026 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

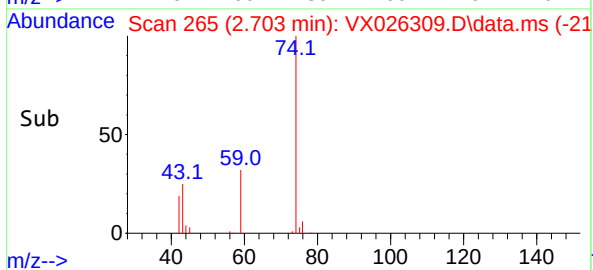
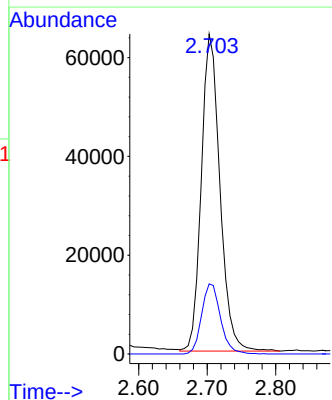
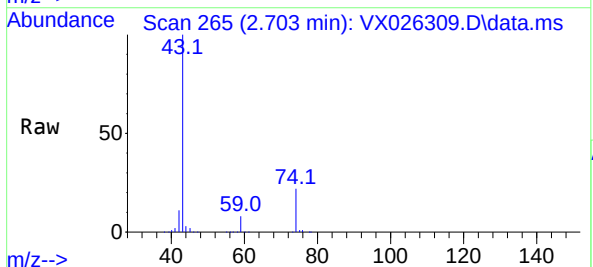
Instrument :  
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ClientSampleId :  
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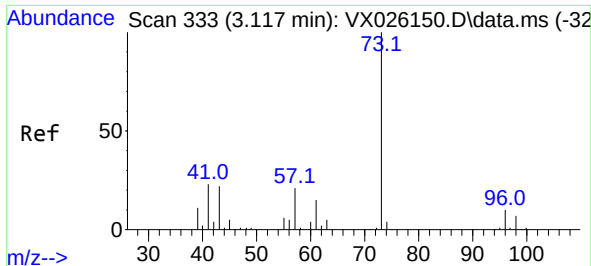
Tgt Ion: 43 Resp: 1833873  
Ion Ratio Lower Upper  
43 100  
58 30.0 24.8 37.2



#18  
Methyl Acetate  
Concen: 27.253 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 43 Resp: 121338  
Ion Ratio Lower Upper  
43 100  
74 22.4 19.1 28.7

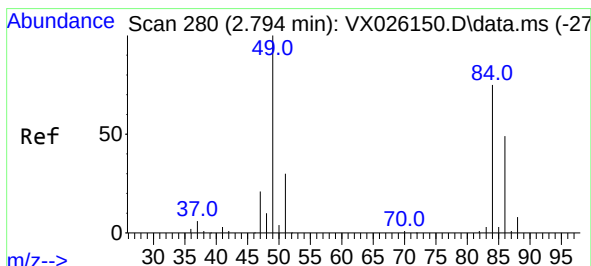
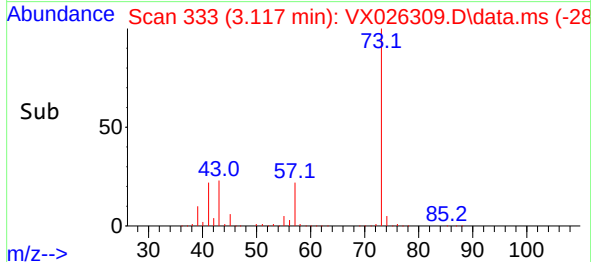
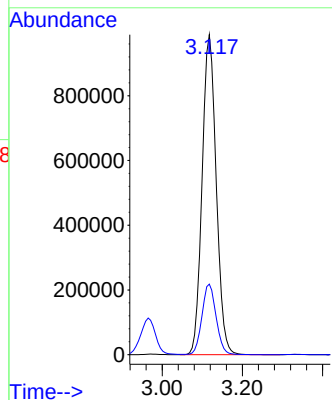
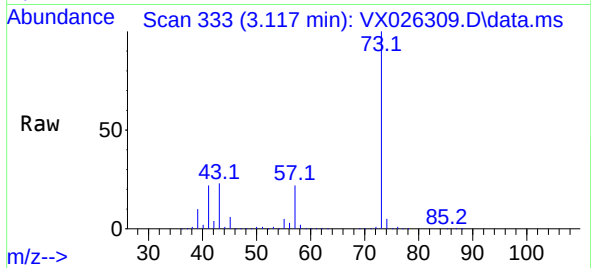




#19  
Methyl tert-butyl Ether  
Concen: 356.424 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

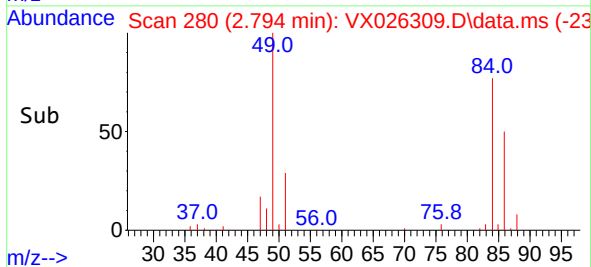
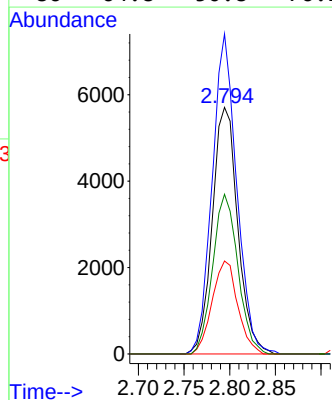
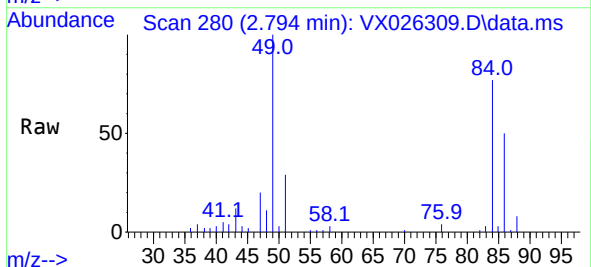
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MSVOA\_X  
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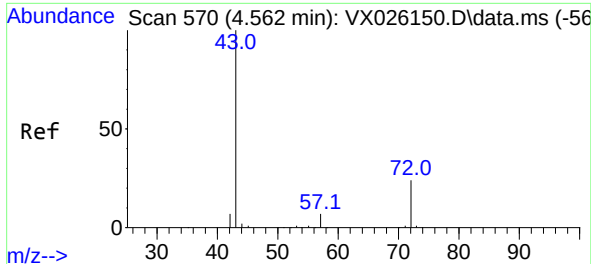
Tgt Ion: 73 Resp: 2414105  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.0 25.6



#20  
Methylene Chloride  
Concen: 4.175 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 84 Resp: 11064  
Ion Ratio Lower Upper  
84 100  
49 129.8 97.1 145.7  
51 37.7 29.3 43.9  
86 64.8 50.8 76.2

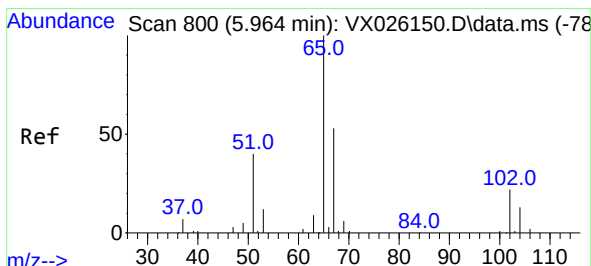
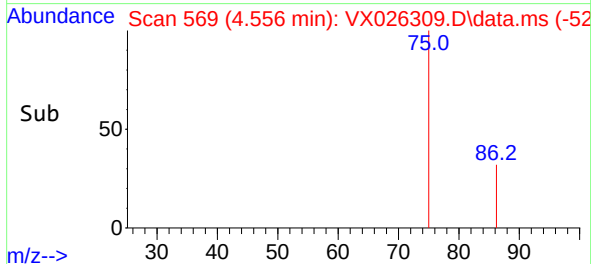
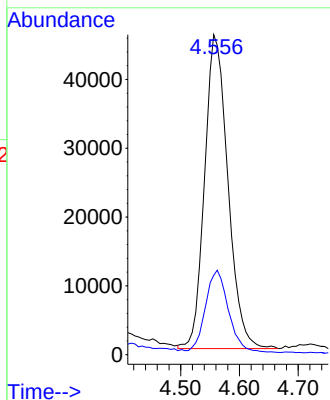
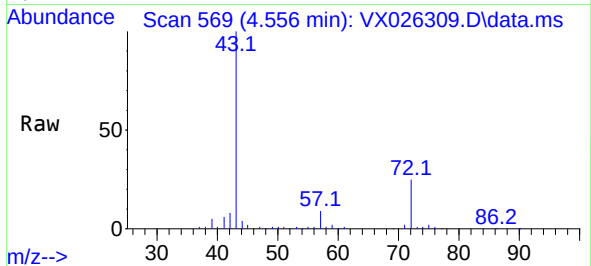




#25  
2-Butanone  
Concen: 65.882 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

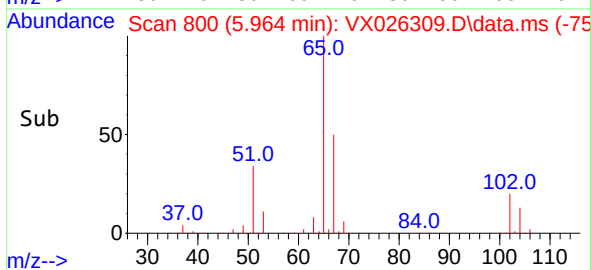
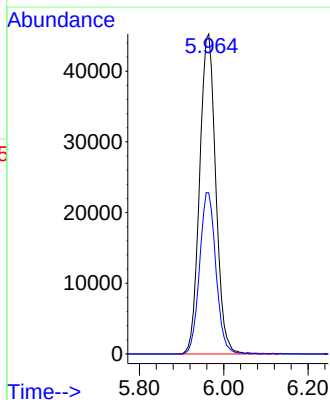
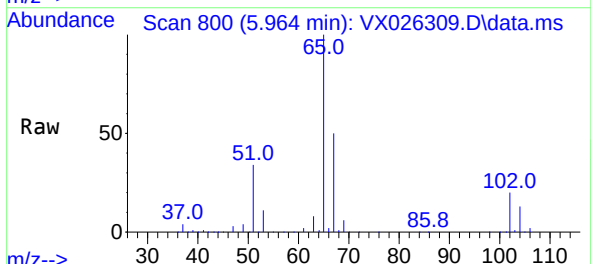
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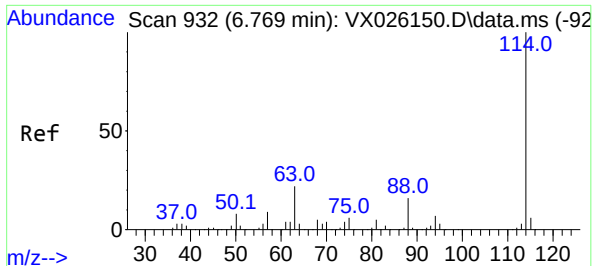
Tgt Ion: 43 Resp: 125972  
Ion Ratio Lower Upper  
43 100  
72 24.6 21.0 31.4



#33  
1,2-Dichloroethane-d4  
Concen: 47.653 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 65 Resp: 120724  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 103.4

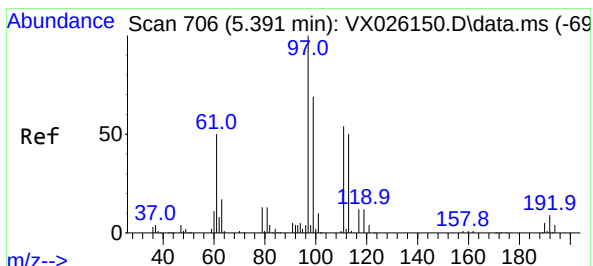
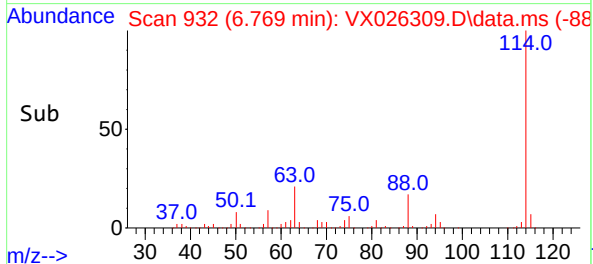
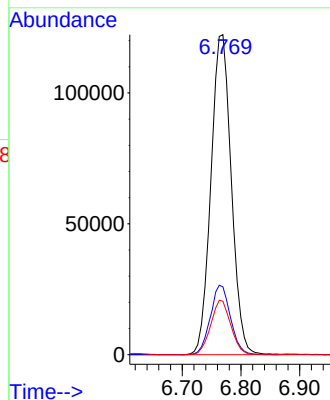
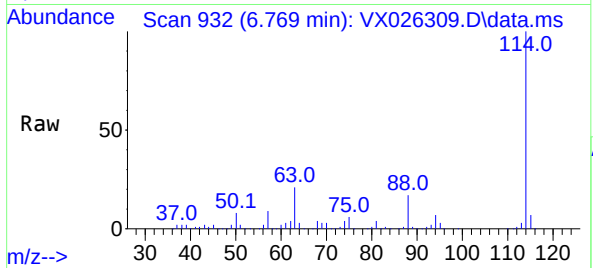




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

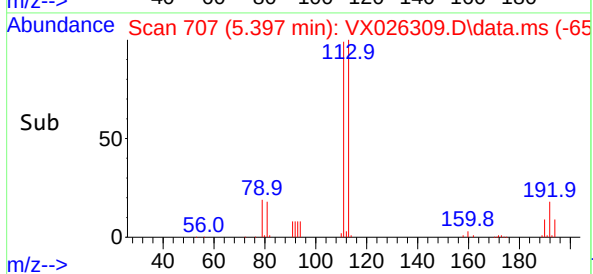
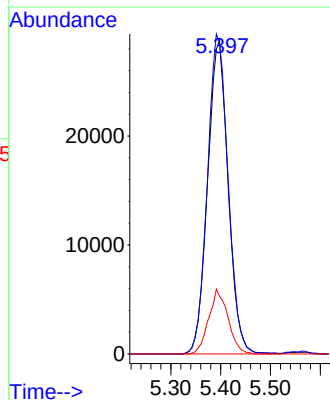
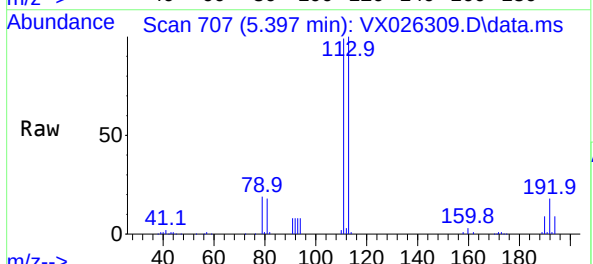
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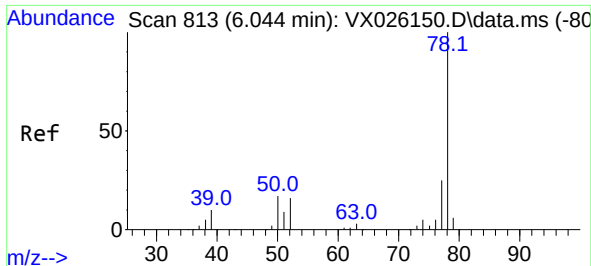
Tgt Ion:114 Resp: 294458  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.0  
88 16.7 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 42.982 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion:113 Resp: 82284  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.8 122.8  
192 19.3 15.0 22.4

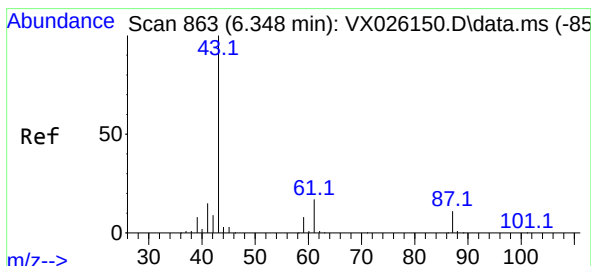
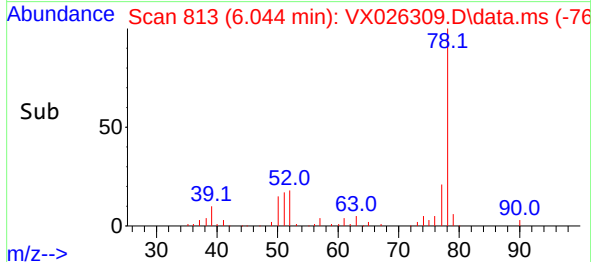
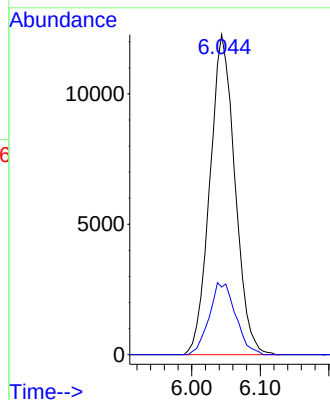
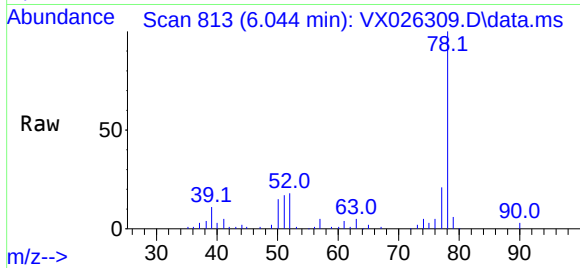




#40  
Benzene  
Concen: 3.538 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

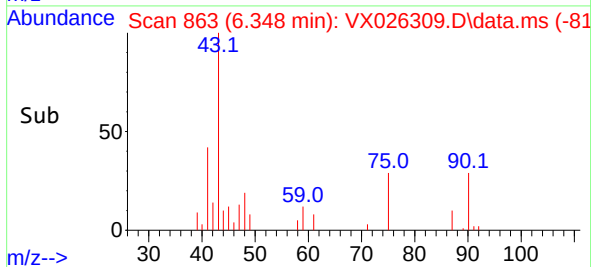
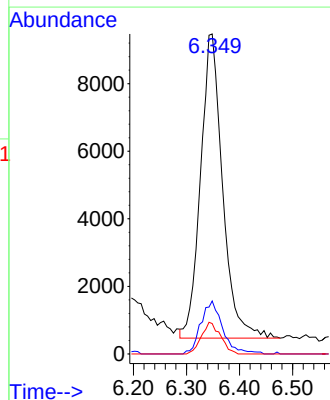
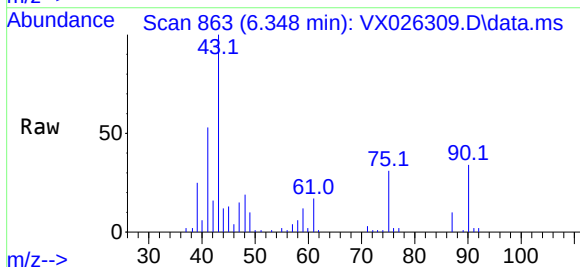
Instrument :  
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ClientSampleId :  
WMIL-SB

Tgt Ion: 78 Resp: 31178  
Ion Ratio Lower Upper  
78 100  
77 21.2 18.6 27.8

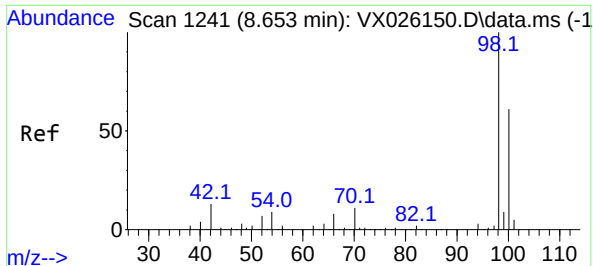


#43  
Isopropyl Acetate  
Concen: 4.466 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 43 Resp: 26058  
Ion Ratio Lower Upper  
43 100  
61 17.2 15.7 23.5  
87 8.9 11.2 16.8#



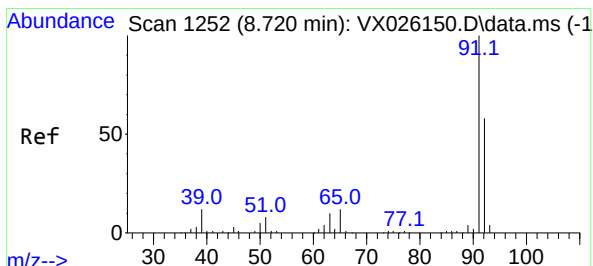
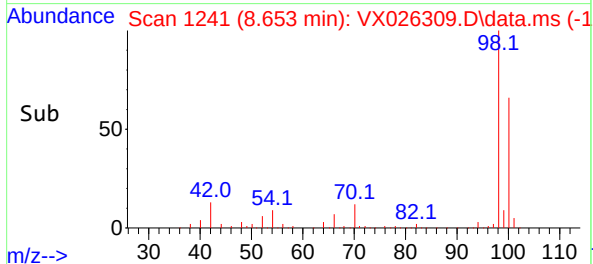
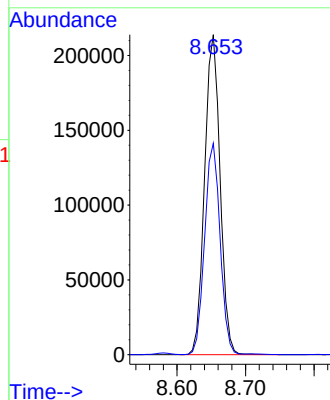
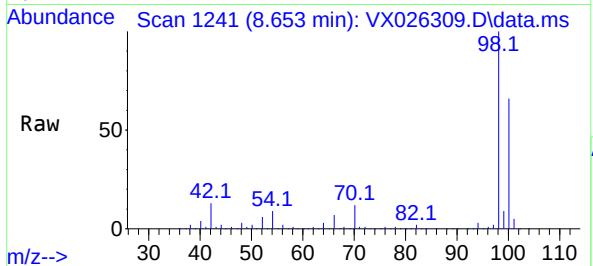




#50  
Toluene-d8  
Concen: 47.296 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

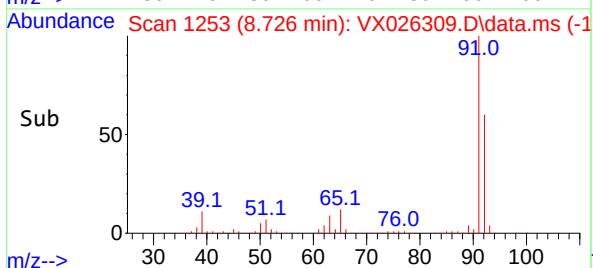
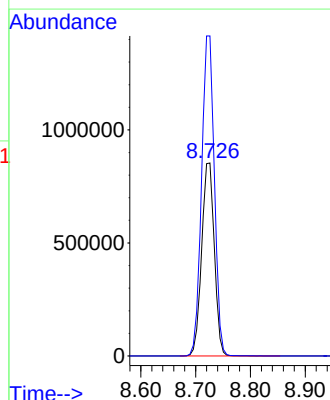
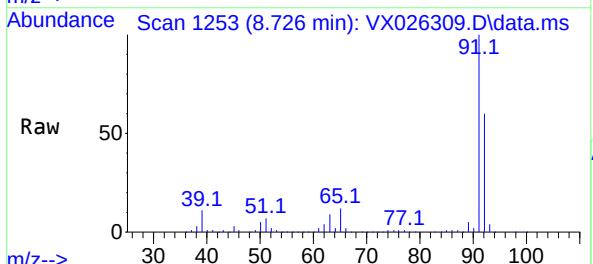
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

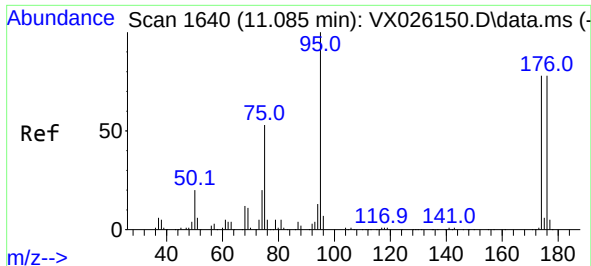
Tgt Ion: 98 Resp: 336778  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8



#52  
Toluene  
Concen: 252.669 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 92 Resp: 1370740  
Ion Ratio Lower Upper  
92 100  
91 167.3 136.0 204.0

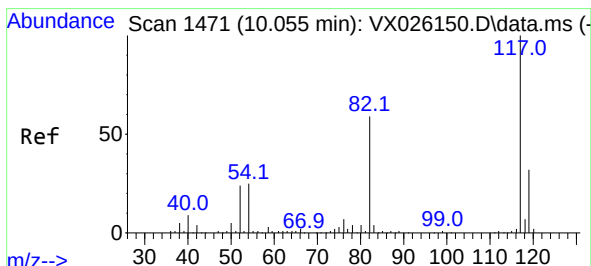
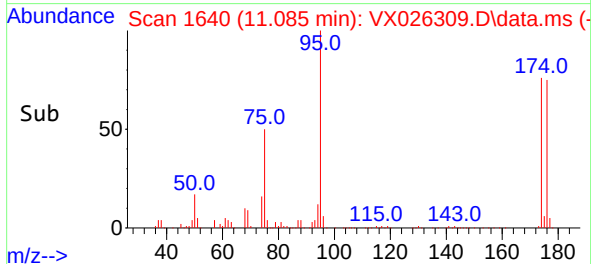
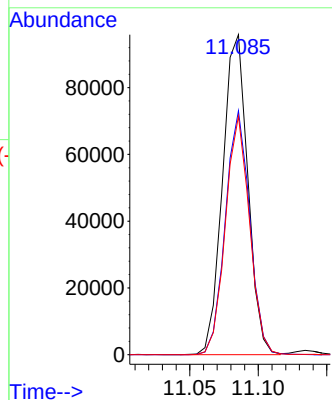
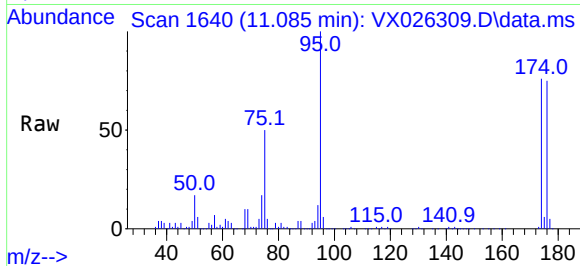




#62  
4-Bromofluorobenzene  
Concen: 48.305 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

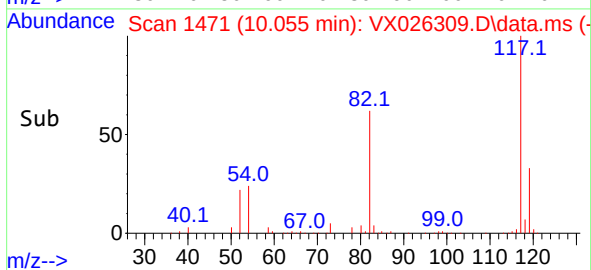
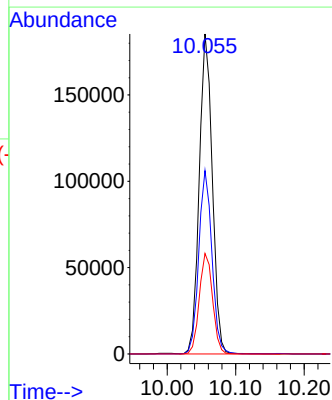
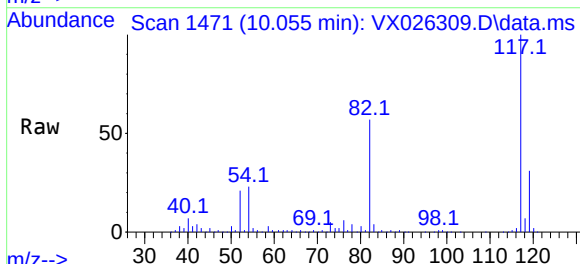
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

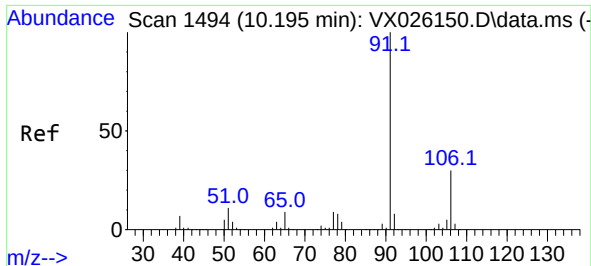
Tgt Ion: 95 Resp: 122449  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 157.4  
176 71.4 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 117 Resp: 245789  
Ion Ratio Lower Upper  
117 100  
82 57.2 43.8 65.6  
119 31.4 25.2 37.8

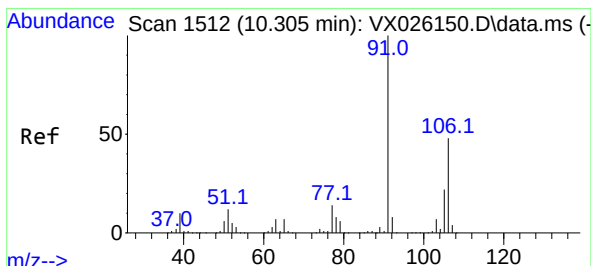
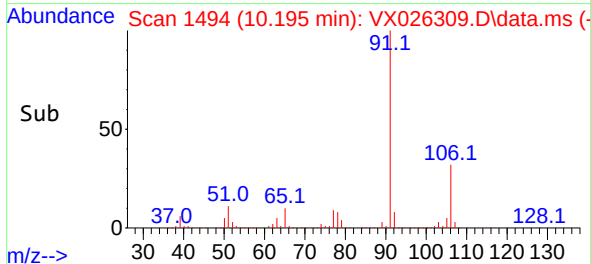
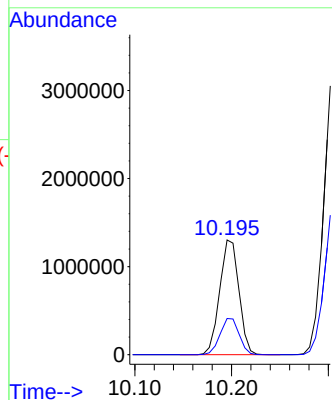
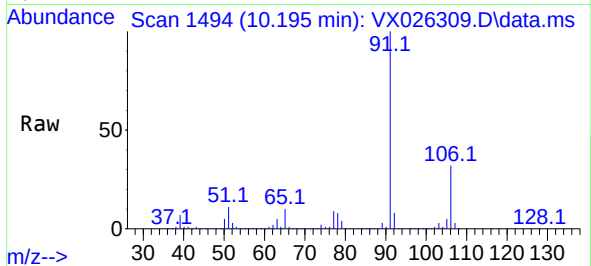




#67  
Ethyl Benzene  
Concen: 185.753 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

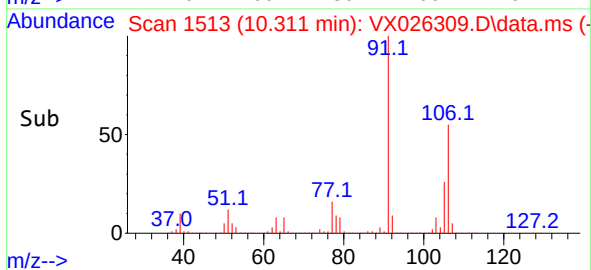
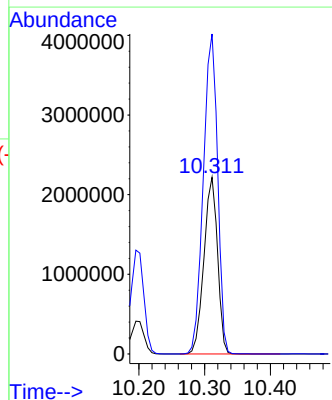
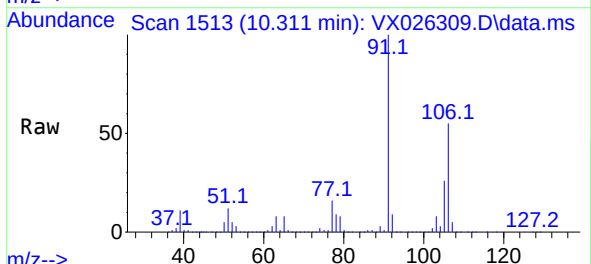
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

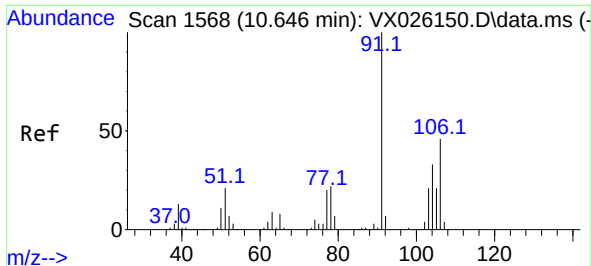
Tgt Ion: 91 Resp: 1793347  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.7 38.5



#68  
m/p-Xylenes  
Concen: 884.207 ug/l  
RT: 10.311 min Scan# 1513  
Delta R.T. 0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 106 Resp: 3187375  
Ion Ratio Lower Upper  
106 100  
91 190.1 158.6 238.0

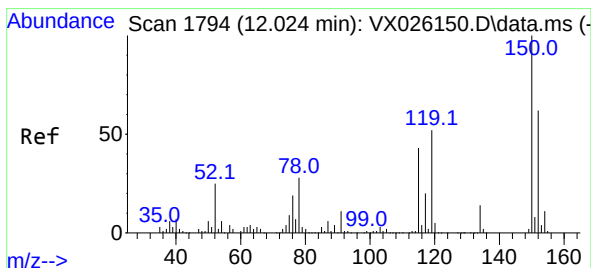
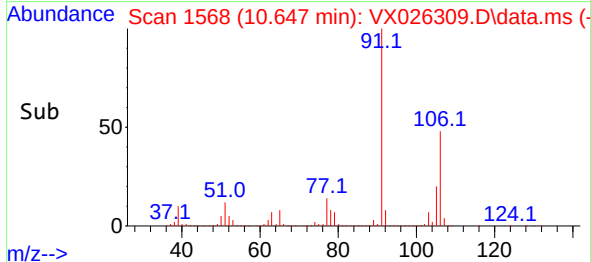
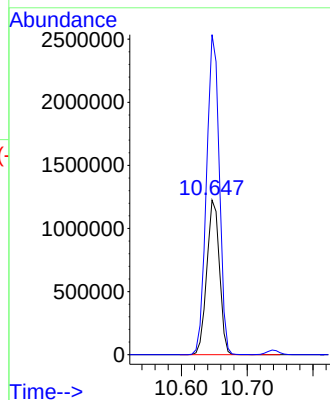
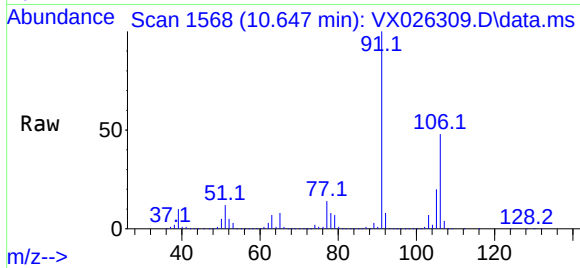




#69  
o-Xylene  
Concen: 465.077 ug/l  
RT: 10.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

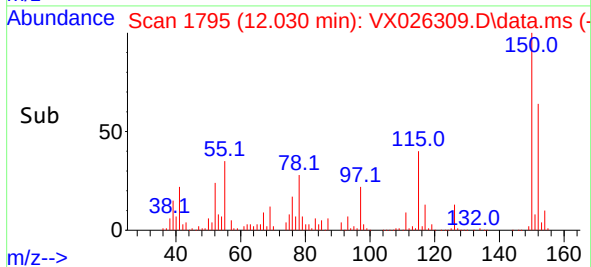
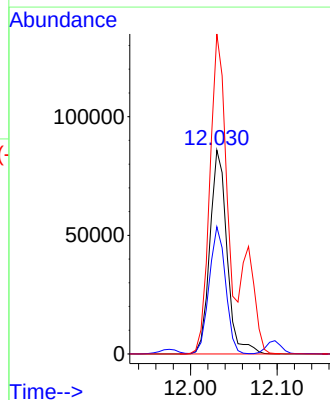
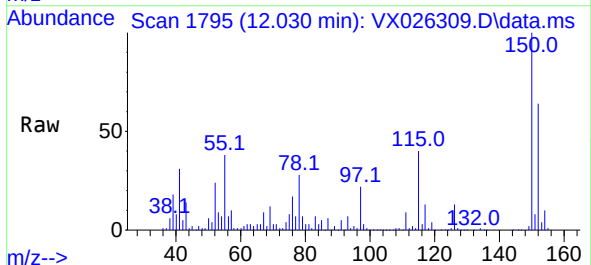
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

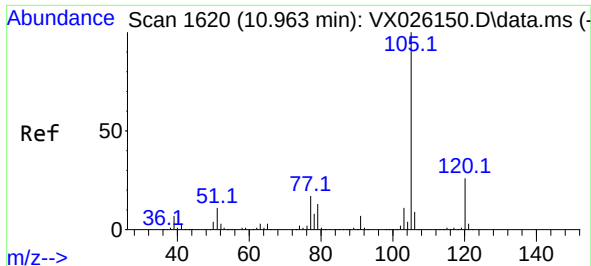
Tgt Ion:106 Resp: 1640349  
Ion Ratio Lower Upper  
106 100  
91 209.9 105.5 316.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.030 min Scan# 1795  
Delta R.T. 0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion:152 Resp: 117669  
Ion Ratio Lower Upper  
152 100  
115 59.7 41.3 123.9  
150 156.9 0.0 351.8

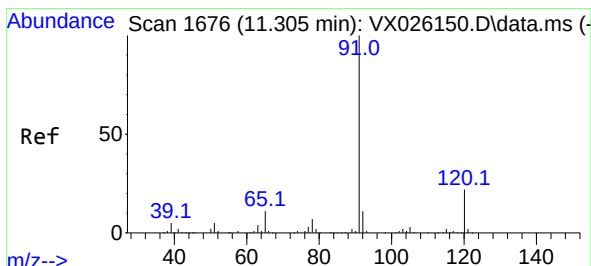
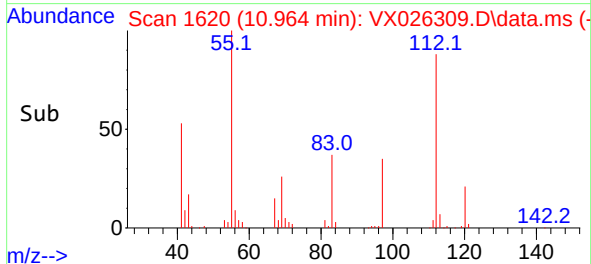
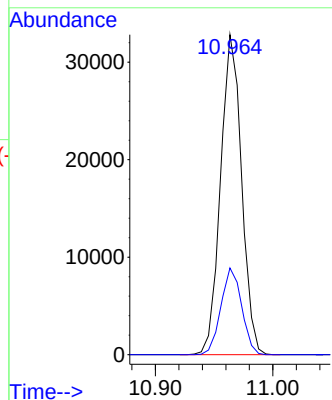
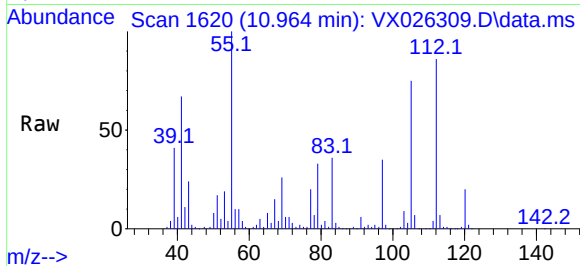




#73  
Isopropylbenzene  
Concen: 4.459 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

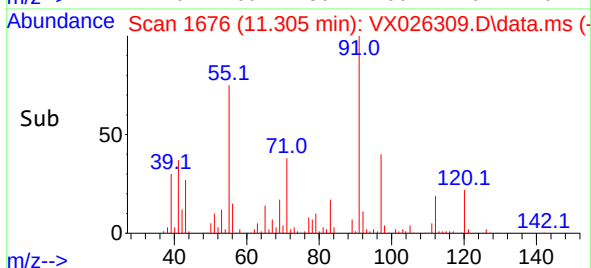
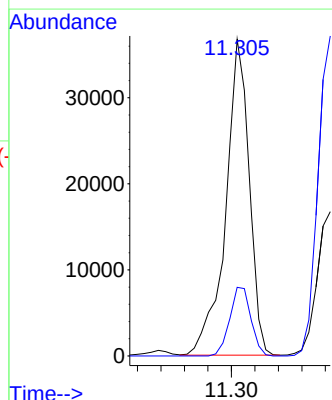
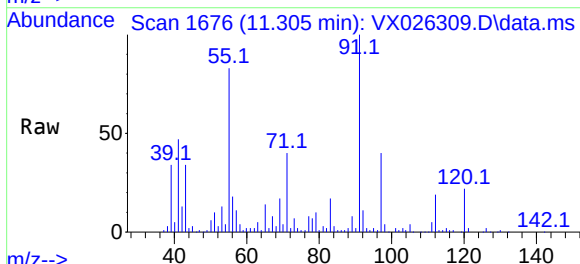
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

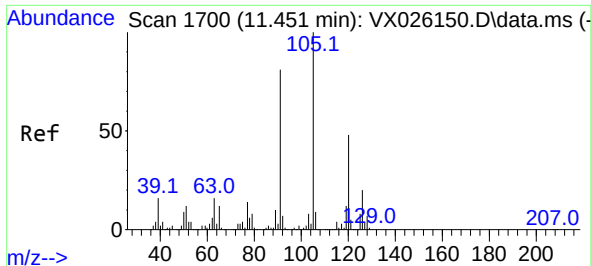
Tgt Ion:105 Resp: 40785  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.6 40.7



#78  
n-propylbenzene  
Concen: 4.841 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion: 91 Resp: 50906  
Ion Ratio Lower Upper  
91 100  
120 19.6 12.0 36.1

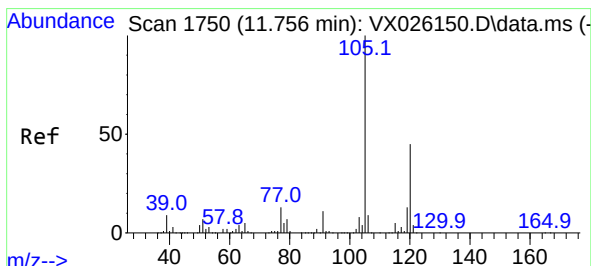
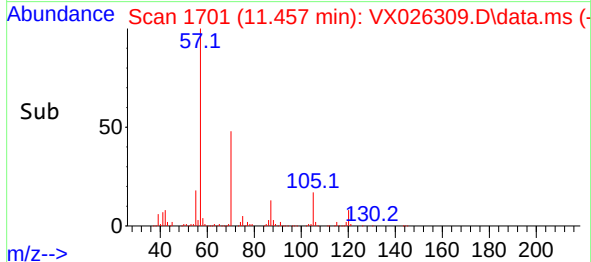
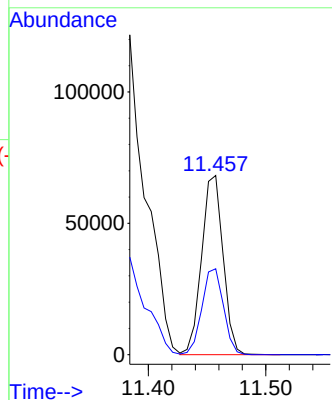
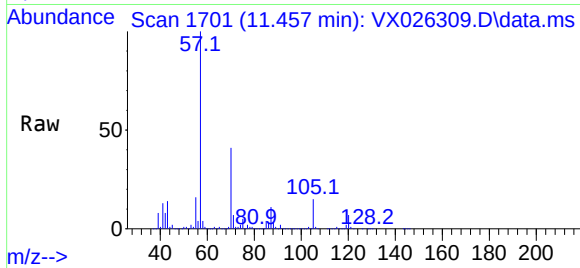




#80  
1,3,5-Trimethylbenzene  
Concen: 11.412 ug/l  
RT: 11.457 min Scan# 1700  
Delta R.T. 0.006 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

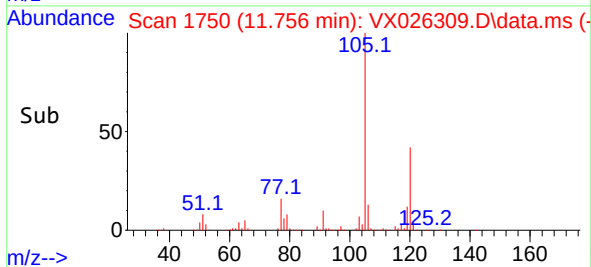
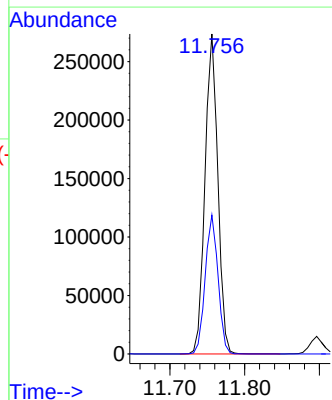
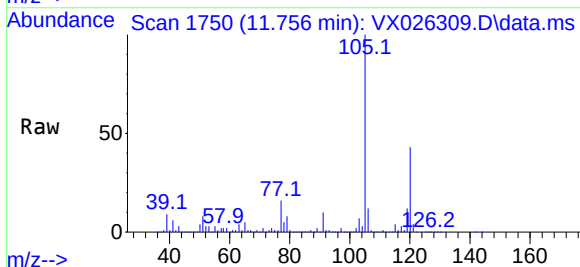
Instrument :  
MSVOA\_X  
ClientSampleId :  
WMIL-SB

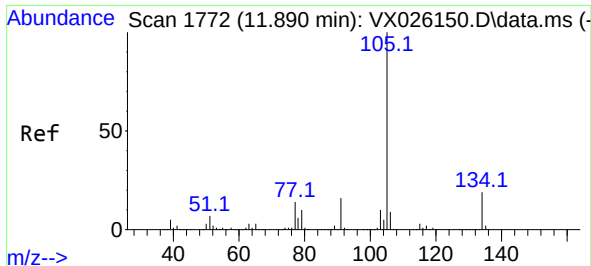
Tgt Ion:105 Resp: 86618  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.9 74.7



#84  
1,2,4-Trimethylbenzene  
Concen: 42.944 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX026309.D  
Acq: 05 Jan 2022 06:52

Tgt Ion:105 Resp: 325699  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.9 68.7

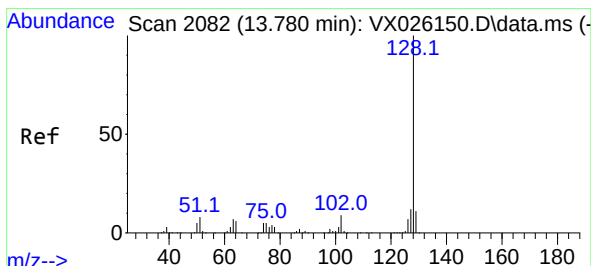
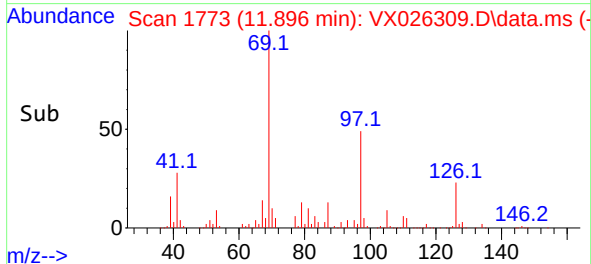
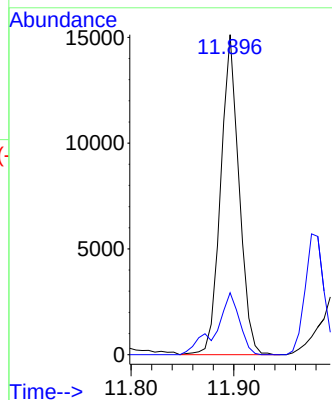
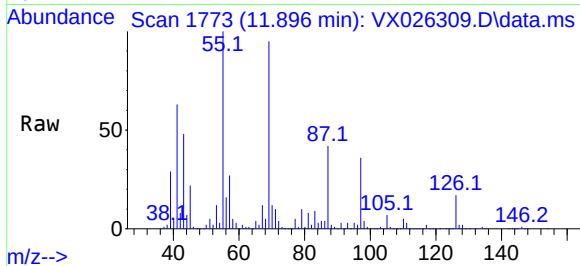




#85  
 sec-Butylbenzene  
 Concen: 2.037 ug/l  
 RT: 11.896 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX026309.D  
 Acq: 05 Jan 2022 06:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WMIL-SB

Tgt Ion:105 Resp: 18730  
 Ion Ratio Lower Upper  
 105 100  
 134 25.0 10.4 31.1



#95  
 Naphthalene  
 Concen: 5.590 ug/l  
 RT: 13.780 min Scan# 2082  
 Delta R.T. 0.000 min  
 Lab File: VX026309.D  
 Acq: 05 Jan 2022 06:52

Tgt Ion:128 Resp: 50840  
 Ion Ratio Lower Upper  
 128 100  
 127 14.1 10.3 15.5  
 129 15.8 8.8 13.2#

